

SECRET  
(When Filled In)

## TECHNICAL BACKGROUND PROCUREMENT INFORMATION

I. Contractor 25X1  
A. Name and address: 25X1

B. Evaluation of previous performance: Contractor's previous performance has been satisfactory.

II. Brief description of this procurement: Design, Engineering and Fabrication of a Prototype Coherent Light Enlarger and Spatial Filter. 25X1  
of the Est. Total amount from FY-63 funds to cover period from contract award date to 30 June 1963, only.\*

Estimated total amt. 25X1

A. Deliverable items:

1. Prototype Coherent Light Enlarger and Spatial Filter

2. Progress Reports (Monthly) (Incl. Expenditure of Funds)

3. Briefing Material (Approx. 10 charts)

4. Maintenance and Instruction Manual (Including all drawings and specs.)

5. Services, installation (Approx. 2 <sup>MAN</sup> more months) (at time item is delivered)

B. Is this procurement for other than a standard, "off the shelf" or slightly modified commercial item? yes If "yes", is it anticipated that any more of this unit will be procured? unknown If so, a complete set of directly reproducible manufacturing drawings and specifications would normally be included in this procurement. Comments: This development involves a new laser concept which may require changes in design and configuration as the development progresses. It is therefore preferred to defer any requirement for practical drawings and specs. pending decision on whether additional units of this specific type will be procured.

C. Will contract cover a period of more than 90 days? yes

If "yes", are progress reports desired? yes If so, indicate frequency, content and number of copies desired: Monthly - Informal letter reports describing progress; any problems encountered; expenditures during the report period; and plans for future work - Three (3) copies are required.

D. Is any Government-owned property to be provided to the contractor?

yes

If so, list and indicate its availability (where, when,

Unexposed film in 70 mm and 9 1/2 inch widths will be GFE for testing of the equipment. Film will be provided as required but shall not exceed a total of 1000 linear feet.

SECRET

\* Insufficient funds are now available in FY-63 budget to cover the total contract cost. Therefore, the amount of only, are being committed from FY-63 funds. 25X1  
This amount will support work during the interim period from date of award through 30 June 1963. The balance will be committed from FY-64 funds.

SECRET  
(When Filled In)

SECRET

One 40-inch T-5 lens to be provided by the contracting activity and delivered to the contractors' plant within 30 days after award of contract.

E. Is any special tooling involved? none

F. Security:

1. Association with the Sponsor is SECRET

2. The specifications and/or drawings are Contractors Proposal (Incl)

3. The item is SECRET

*changed per letter from JWC dated 7 Oct 1963*

4. Contractor personnel known to be aware of this proposed procurement:

25X1

5. Other security information None

III. Reasons for selection of this source. If other sources were considered, indicate results. If no other sources were considered, list the reasons why this firm is considered to be uniquely qualified to perform this work.

The concept of a coherent light enlarger capable of accomplishing a modulation transfer function of 1.0 is proprietary with the [redacted] The proposed system [redacted] sizes to achieve modulation transfer of enlarged images from original aerial film with a degree of resolution unattainable by any other known means. [redacted] is internationally recognized in the field electro-optical systems and has developed a HeNe continuous wave laser, that represents one important component of the proposed system. The company is considered eminently qualified to perform the work proposed.

25X1

25X1

IV. Technical contact [redacted]

25X1

Name

Telephone

In the event additional space is required, use the reverse side(s) of this form, with a reference to the item number to which the comment applies.

NOTE: It is recommended that the proposed contract be awarded on a CFF basis.

SECRET  
(When Filled In)

SECRET